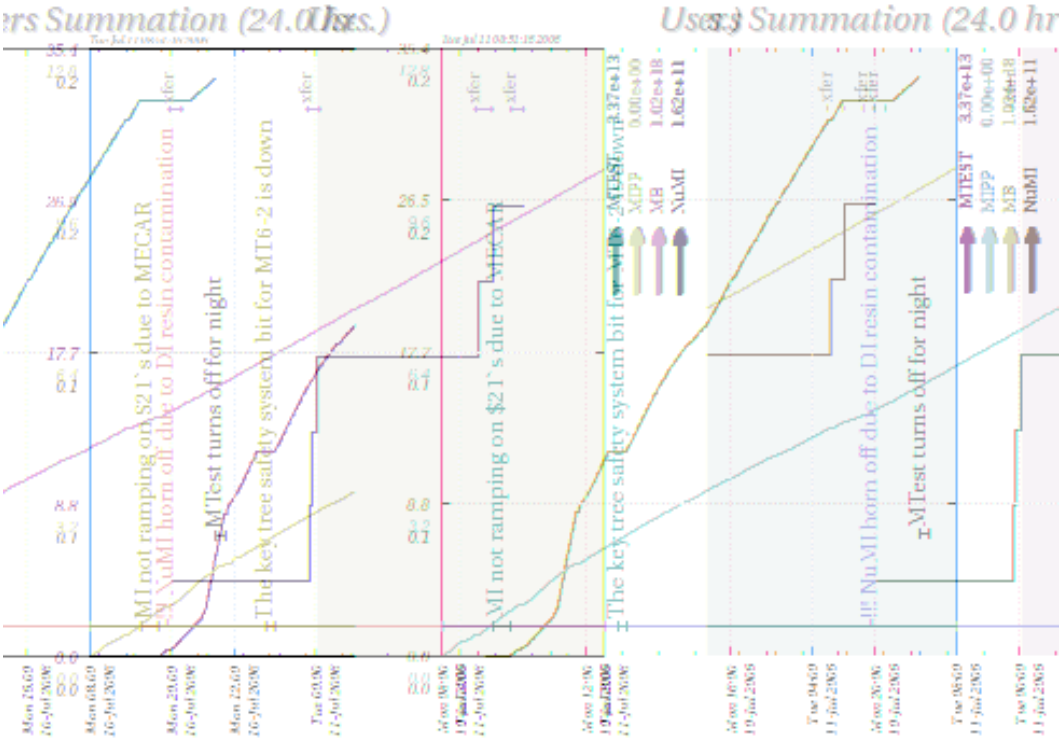
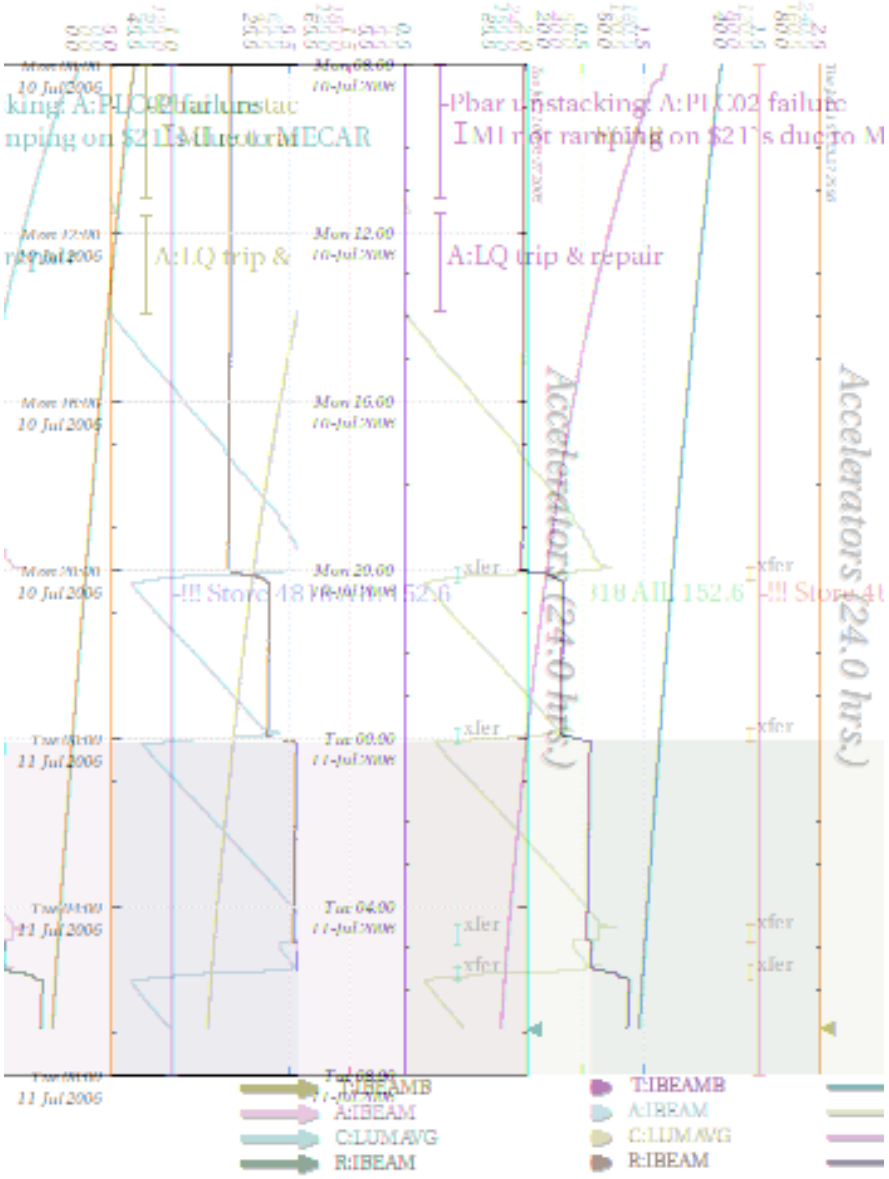
2006-07-11 9am Scheduling Meeting

Tuesday, July 11, 2006
8:56 AM

- **Crew Chief Summary:**





Pasted from <http://www-bd.fnal.gov/mcr/plots/24hr_plot_Accelerators_6_53_31.png>

- $21s would not ramp. $29's were 20 seconds apart, locking at 8 GeV.
- A:LQ!!!
-

- **Notes from Run Coordinator**:
  - Quiet overnight.
  - Ran well.
  - CDF/D0 access, Shot setup
- **Machine Summaries**:
  - **Linac**
    - Summary:
      - Source current down to 32mA
      - Experts will turn back up
    - Requests:
      - 1 hr access to make NMR proble work
  - **Booster**
    - Summary:

        - Running well
        - Tried pushing higher intensity. Effort will condinue to day
        - Gamma-T studies
    - Requests:
        - Pre-acc notching $1d
        - 2-3 hours to repair chopper off tube.
- **Main Injector**
    - Summary:
        - Lifetime on pbar transfers - in minidip and counter wave also.
        -
    - Requests:
        - Clean up reverse injection on shot setup.
        - Reboot LLRF - helps with slip stacking studies.
        - Linux I50 and I52 certificatoin
        - Install MI60S today?
- **Pbar**
    - Summary:
        - Pbar Stacking Numbers
            - Best Stacking = 13.8 mA/hr,
            - Production = 15 e-6/proton
            - Beam on Target = 6.1e12
        - Stacking is up by 5-7 %,
            - Beam on target increase
            - Quality of beam is better.
            - QS732 also repaired
        - Shots - transfer efficiency 86-90% to MI, 85-87% to RR.
        - Problems
            - A:LQ contactor after access
        - Access
            - QS732 replaced
            - Added 10dB to core 4-8GHz momentum cooling
            - HL amp replaced in core vertical band 1 - was off, but turned back on, caused core to go coherent. Confused the VSA on next shot to RR. Will get this phased today.
            - During hysterisis ramps. The skew quad settings got changed. Had different coupling and tunes. Disabled the ramps so they wont ramp again
        - Accumulator horizontal damper putting out a lot of power. Both the high band and low band amps. Will troubleshoot today
    - Requests:
        -
- **Tevatron**
    - Summary:
        - Runs fine for last 24 hours.
        - Next store have tune changes for squeeze.
        -
    - Requests:
        - Next shot setup, want to do closure program test to accommodate the MI BPM upgrade.
- **Recycler**
    - Summary:
        - will turn off e- cooling during mining stage.
    - Requests:
        - Two sets of studies to schedule
- **SY120**
    - Summary:
        - Running OK
        - 3 or 4 quad supplies that need adjusting.

        - Requests:
            -
    - **MiniBooNE**
        - Summary:
            - Running steady.
            - Rate dropped.
            - HVAC - NE AC unit does not stay on. Want to fix before the weekend. Will do on Thursday.
        - Requests:
            -
    - **NuMI**
        - Summary:
            - Initial cleanout of rosen beads was not completely successful. Will have to do iterations. Could be back by Friday
        - Requests:
            -
            -
    - **CDF**
        - Summary:
            - 4018 - 87%
            - Integrated luminosity was good.
            - Access - replace Si power supply that is causing problems.
            - Work on muon HV issues
        - Requests:
            -
    - **D0**
        - Summary:
            - 82% efficiency
            - Pre-amp trip. Try to switch other pre-amp, may not help if it is in the harness instead of the PS itself.
            - Took special runs to look at muon rate
            - Acess - putting in test PDT to look at lower freq. rate on that.
            - Ramping down solinoid to look at PS for solinoid - dripping water.
        - Requests:
            -
    - **SDA**
        - Summary:
            -
        - Requests:
            -
    - **Mechanical**
        - Summary:
            -
        - Requests:
            -
    - **Other**
        - Summary:
            - FESS clean F0 pond stainer this morning.
        - Requests:
            -
- **The Plan**
    - Summary:
        - CDF/D0 2 hour access
        - Shot Setup - extra time for closure work.
        - One more transfer to RR at 10:30
    - Requests:
        -